

**CLAIMS**

1. A vapour-producing product for disinfecting a space comprising one or more essential oils or essential oil components, and a mixture of volatile and non-volatile solvents absorbed on a carrier.
2. A product according to claim 1, wherein the essential oil component is cinnamic aldehyde.
3. A product according to claim 1, wherein the essential oil component is cinnamic alcohol.
4. A product according to claim 1, wherein the essential oil component is eugenol.
5. A vapour producing product according to claim 1, comprising one or more essential oils and a mixture of volatile and non-volatile solvents, absorbed on a carrier.
6. A product according to any preceding claim, wherein the essential oil is tea tree oil.
7. A product according to any of claims 1 to 5, wherein the essential oil is cinnamon oil.
8. A product according to any preceding claim, wherein the volatile solvent is an alcohol.
9. A product according to any preceding claim, wherein the alcohol is iso-propanol.
10. A product according to any preceding claim, wherein the non-volatile solvent is water.
11. A product according to any of claims 1-9, wherein the non-volatile solvent is a glycol.
12. A product according to claim 11, wherein the glycol is monopropylene glycol.
13. A product according to any preceding claim, wherein the ratio of volatile to non-volatile solvents is in the ratio 10:1 to 1:10.
14. A product according to any preceding claim, wherein carrier is a non-woven material.

15. A product according to any preceding claim, wherein the non-woven carrier is a combination of cellulose and polypropylene.
16. A product according to any of claims 1 to 13, wherein the carrier is cardboard.
- 5 17. A product according to any of claims 1 to 13, wherein the carrier is sintered plastic.
18. A product according to any of claims 1 to 13, wherein the carrier is amorphous silicon dioxide.
19. A product according to claim 16, wherein the cardboard carrier has  
10 one dimension of at least 200mm.
20. A product according to any of claims 1 to 13, wherein the carrier is a self adhesive item or label.
21. A vapour-producing formulation comprising one or more essential oils or essential oil components as defined in any preceding claim, and a mixture  
15 of volatile and non-volatile solvents as defined in any preceding claim in a viscous liquid.
22. A formulation according to claim 21, wherein the viscosity is modified by addition of silicon dioxide.
23. A carrier material, having one or more essential oil or essential oil  
20 components impregnated thereon, the carrier is a resilient or rigid material having a length of at least 200mm.
24. A carrier material according to claim 23, wherein the material is cardboard.
25. A carrier according to claim 23 or claim 24, wherein the length is at  
25 least 300mm and the width is no more than 50mm.
26. A carrier material according to any of claims 23 to 25, in the form of an elongated substantially flat card for insertion into a waste bin.
27. Use of a product, formulation or carrier material according to any preceding claim, to sanitise and deodorise a waste disposal bin.
- 30 28. A waste disposal bin comprising a product or formulation according to any of claims 1 to 22, or a carrier according to any of claims 23 to 26.